RAILWAY MODELLER

JULY [illegible] [illegible]

For every BRITISH RAILWAY enthusiast

FREE partwork inside

- [illegible]
- [illegible]
- [illegible]

RAILWAY MODELLING EXPLORED

PLUS MANY REGULAR RM FEATURES:

■ Modelling the [illegible] in Cornwall in [illegible] ◆ Kitbuilding [illegible] in [illegible] ■ Coal-fired live steam in the garden

K-LINE SUPER STORES

[illegible]

K-LINE
ELECTRIC TRAINS

[illegible]

[illegible]

Santa Fe 21" Passenger Car Features:

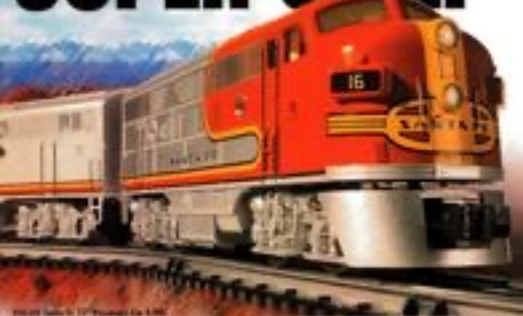
- [illegible]
- Interior Lighting
- Fully Furnished Interiors
- Passenger Figures Included
- Operating Doors
- [illegible]
- [illegible]
- Metal Truck Springs
- Operating Metal Couplers
- Metal Chassis with Details
- [illegible]
- [illegible] Curve Required

Santa Fe F-3 Diesel Engine Features:

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- Die Cast Trucks and Wheels
- [illegible]
- Die Cast Pilot and Couplers
- [illegible]
- [illegible]
- Metal Chassis
- Die Cast Fuel Tank
- [illegible]
- Metal Grab Rails
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- Die Cast Horns
- [illegible]

SUPER SLEEK

SUPER CHIEF



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Also available in 18" and 15" lengths

[illegible]

[illegible]

Also available in 15"

[illegible]

[illegible]

Pecorama

GARDENS GAMES AND TRAINS

For Inspiration

[illegible]

and Family Fun

[illegible]

Peco Gardens for the Millennium

[illegible]

Official Opening [illegible]

Pecorama

[illegible]

FEATURES

319

[illegible]

[illegible]

324

[illegible]

[illegible]

327

[illegible]

[illegible]

330

[illegible]

[illegible]

333

[illegible]

[illegible]

336

[illegible]

[illegible]

340

[illegible]

[illegible]

Between 342 & 343

[illegible]

RAILWAY MODELLING EXPLORED

[illegible]

345

[illegible]

[illegible]

346

[illegible]

[illegible]

348

LYNTON & BARNSTAPLE COACHES

[illegible]

350

THE MIDLAND IRON COMPANY

[illegible]

353

[illegible]

[illegible]

354

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Coming next month

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

FREE -

[illegible]

[illegible]

01297 20580

KPC [illegible] KPC

[illegible]

RAILWAY
MODELLER

[illegible]

[illegible]

[illegible]

CONTINENTAL MODELLER

[illegible]

MORE ROOM OUTSIDE

[illegible]

[illegible]

[illegible]

Neil Besougloff

EDITOR'S DESK

Inside the CTT workshop

The "who, what, and why" of our toy train reviews

W[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Neil Besougloff

CLASSIC TOY TRAINS

[illegible]	Neil Besougloff
[illegible]	Roger Carp Bob Keller Joe Stachler
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	Elizabeth A. Weber
[illegible]	[illegible]
[illegible]	William Zuback
[illegible]	Russell G. Larson
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

BOX TOPS.

[illegible]

[illegible]

[illegible]

THE BIGGEST LITTLE RAILROAD IN AMERICA.

[illegible]

TrainFinder™ Online

[illegible]

[illegible]

"Historical"
Madison Hardware

[illegible]

CLASSIC TOY TRAINS

Advertising [illegible]

[illegible]

MADISON HARDWARE CO.
[illegible] DETROIT, MI [illegible]
PHONE [illegible]
E-MAIL: [illegible]
LIONEL AUTHORIZED - SALES - SERVICE - PARTS
THE OLDEST LIONEL SERVICE STATION IN THE WORLD - SINCE [illegible]

IF IT'S MADE BY **LIONEL**, CHANCES ARE, YOU'LL FIND IT AT **MADISON**!

[illegible]

THE MADISON HARDWARE CO. TRADITION LIVES ON!

Need your train repaired? We have qualified personnel to handle the repair and refurbishing of your item.

Looking for a deal? We have [illegible]

Feel like shopping? Call and schedule a "cash & carry" day. [illegible] daily specials.

Looking for a particular item? We offer for sale both original Lionel and Madison Hardware replacement parts, accessories and [illegible]

Have a question? Call, write, fax or e-mail us. [illegible]

SPECIAL PACKAGE OFFER
FOR LCCA-LOTS-TCA
2000 CONVENTION ATTENDEES ONLY

$125.00

[illegible]
Total ~~[illegible]~~
Save $19.90

Limited to first [illegible] attendees

[illegible]

[illegible]

We've opened our

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

vault for you!

During a recent trek through the [illegible] vault [illegible] for good [illegible] Vault Collection, consisting of all kinds of Lionel products: from locomotives to rolling stock to accessories [illegible] limited production items [illegible] before the vault closes for good.

Southern Pacific Black Widow F3s
[illegible]

Southern Pacific Bay Window Caboose
[illegible]

Lionel Electric Toy Trains - Standard of the World for 100 Years

LIONEL

www.lionel.com

NATIONAL MODEL RAILROAD ASSOCIATION

[illegible]

National Officers

[illegible]

Department General Chairs

[illegible]

Regional Trustees and Presidents

[illegible]

Future NMRA National Convention Dates and Information

[illegible]

By Bob Charles
NMRA President

Priceless Memories

[illegible]

Bob Charles

[illegible]

Notice

[illegible]

Blowing off Steam

[illegible]

Potentially harmful

[illegible]

[illegible]

[illegible]

[illegible]

Correction

[illegible]

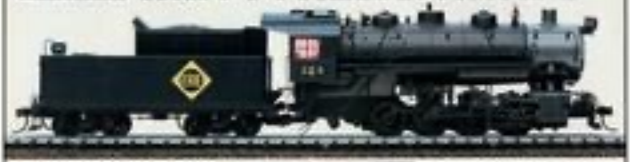
N SCALE TRAIN
STORAGE & TRANSPORT
THE SOLUTION
SPECIAL

JUMPSTART YOUR LAYOUT WITH ATLAS TRACK!
"You're On The Right Track"...With Atlas!"
ATLAS

HERITAGE

PROTO 2000 presents

USRA 0-8-0 STEAM LOCOMOTIVE



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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Suggested Retail Price [illegible]

[illegible]

[illegible]

Glitch

Recently the NMRA experienced a computer system "glitch" that resulted in a volume of mail from members. The annual NMRA calendar was mailed in December to each current member [illegible] as of 11/99. We hope everyone is enjoying this year's calendar.

In March, we sent a gentle follow-up note to those who had not yet responded to the mailing that accompanied the calendar. Unfortunately, our computer included in the follow-up mailing some of our members who had responded. After the mailing went out, your letters helped us identify a problem with the filters in the mailing label generator.

The computer was instructed to "exclude" those members who had responded. It seems that our program did not "exclude" properly. Now what does this mean? It means that if you had previously responded to the calendar mailing, the parameters were set to "exclude" you from the follow-up. That worked fine, up to a point. If you had any other type of "transaction," such as the purchase of a Heritage Collection, [illegible] regular dues, or something similar, the program did not "exclude" you from the mailing. Frankly, there was no way to anticipate this occurrence.

Our programming consultant has completed working on the problem, and it is resolved. Please allow me to publicly apologize to those members who were erroneously included in that follow-up mailing. We appreciate your patience and understanding. It should not recur.

– Bob Charles
NMRA President

BRASS MODELS

EASY TREE KIT!

SuperTrees

SuperTree Starter Kit

EXPRESS

National Train Show Guide

San Jose, California • Sept

Special Pull-Out Section

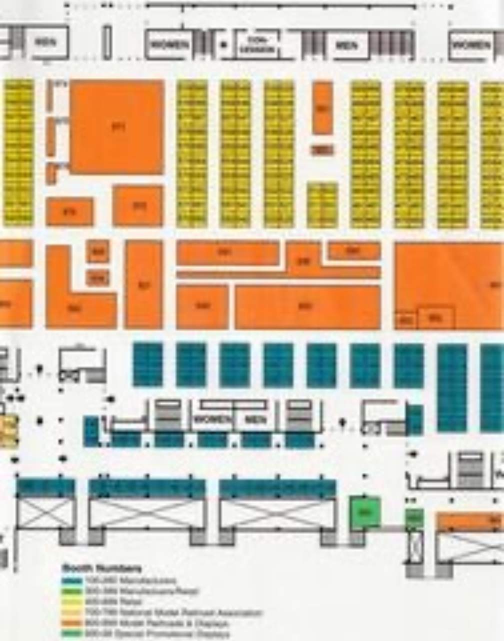
Exhibitor Guide

Alphabetical Listing

Booth No.	Company	City/State
[illegible]	[illegible]	[illegible]

SAN JOSE McENERY CONVENTION CENTER
August 4 - 6, 2000

WOMEN
CON-CESSION
MEN
WOMEN
WOMEN
MEN
ENTRANCE
OUTDOOR TERRACE
RESTAURANT
EXIT


MEN
WOMEN
CON-CESSION
MEN
WOMEN
WOMEN
MEN
Booth Numbers
100-299 Manufacturers
300-399 Manufacturers/Retail
400-699 Retail
700-799 National Model Railroad Association
800-899 Model Railroads & Displays
900-99 Special Promotional Displays

CONCESSION
MEN
TO MEETING ROOMS
WOMEN
MEN

[illegible]	[illegible]	[illegible]
[illegible]	T & E EXPRESS	LAS VEGAS, NV
[illegible]	T & E EXPRESS II	LAS VEGAS, NV
[illegible]	[illegible]	[illegible]
[illegible]	THE [illegible]	ST. LOUIS, MO
[illegible]	THE [illegible]	[illegible]
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[illegible]	THE [illegible]	[illegible]
[illegible]	**THE [illegible]**	**FORT WORTH, TX**
	See Our Ad on Page [illegible]	
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	TOKYO, JAPAN
[illegible]	**[illegible]**	**[illegible]**
	See Our Ad on Page [illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	FT. LAUDERDALE, FL
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	HOUSTON, TX
[illegible]	[illegible]	[illegible]
[illegible]	**[illegible]**	**HOUSTON, TX**
	See Our Ad on Page [illegible]	
[illegible]	**[illegible]**	**SCOTTSDALE, AZ**
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	[illegible]	[illegible]
[illegible]	**[illegible]**	**[illegible]**
	See Our Ad on Page [illegible]	
[illegible]	[illegible]	ALBUQUERQUE, NM
[illegible]	[illegible]	ALBUQUERQUE, NM
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	**[illegible] ELECTRONICS**	**[illegible]**
	See Our Ad on Page [illegible]	
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	**[illegible]**	**MILWAUKEE, WI**
	See Our Ad on Page [illegible]	
[illegible]	**[illegible]**	**[illegible]**
	See Our Ad on Page [illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

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Store Hours: Monday through Friday: 9:30 AM - 8:00 PM
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Are you new to Model Railroading? Caboose Hobbies has a series of "How To Begin" pages for you!

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Please visit our Brass Page!

Book Department

[illegible]

Videos

[illegible]

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See what is coming soon!

Kids Caboose

[illegible]

Club House

[illegible]

24,000 square foot facility

Our Lionel layout greets you as you enter the store.

Our N Scale Department has a very detailed layout.

Used Collectibles

[illegible]

Information

[illegible]

Clinic Schedule

[illegible]

Map to the Store

How do you get here?

Guestbook

[illegible]

Links

[illegible]

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is for

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[illegible]
[illegible]
[illegible]

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Athearn
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Simplify Train Detection

HO Wheelsets with Built in Resistors use with Signaling Solutions, Integrated Signaling Systems, Dallee Electronics and other systems

Part No.	Description	Price
	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
	[illegible]	
[illegible]	[illegible]	[illegible]
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	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Jay Bee

Available at your Dealer

[illegible]

Coming in "N" Scale!

KEY IMPORTS Inc.

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The Southern Pacific AC-1, AC-2 & AC-3 Cab Forwards

ATTENTION!

Rivarossi & IHC Passenger Car Owners.

McHenry Metal Coil Knuckle Spring

Replacement Couplers

NOW AVAILABLE

2 Pair $3.99

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McHenry™ Couplers

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Instant Roadbed

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märklin HO

Märklin ready-to-run 3-rail AC HO starter sets present instant fun....

Right out of the box!

Reliability and Innovation + Fun

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Designed for Play

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Märklin HO Will Grow with You

[illegible]

CASH REBATES

Cash Rebates available on selected starter sets, [illegible]

There's never been a better time to get started with Märklin 3-rail AC HO. Check our Web site for dealers offering special value pricing on HO starter sets.

www.marklin.com

For the dealer nearest you call [illegible]

[illegible]

Conducted by Baylor Vickers

KATO releases SD40-2 in N-scale and HO-scale

[illegible]

Microscale introduces part of KCS system

[illegible]

[illegible] $11.50 for N-scale. [illegible]

Kadee released three new boxcars

[illegible]

TRAINCAM

Color video cameras for Model Railroaders

[illegible]

DYNATROL

IR-TX2

DCC WIRELESS

Hand Held...

With Real Knobs!

[illegible]

Rack 'em up!

[illegible]

Evergreen Hill Designs

[illegible]

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HO Freight Car Kits

Kit includes: injection molded plastic body and small parts
Kit complete, one-piece molded truck frames and wheels with RP-25 flanged on brass axels
100's of roadnames available!!

PRR H-21a 4-BAY Hopper
PRR H-21 a/d Iron Bank Hoppers
100 Ton Triple Hopper Car
40' Round Roof Single Door Box Car
40' Round Roof Double Door Box Car
PRR H? G? Gondola
PRR 50' F-30a Flat Car

70 Ton 2 Bay Open & Closed Side Covered Hopper
50' Round Roof Single Door Box Car
50' Round Roof Double Doorbox Car
RoadRailer® Plug Wall Trail
RoadRailer® Smooth Wall
RoadRailer® Door Plate

35' Plug Wall Highway Trailers
35' Smooth Wall Highway Trailers
N-5 & N-5C Cabooses
K-9 50' Stock Car
K-11 40' Stock Car
X-31 "Turtle Roof" Box Car
X-33 End Door Box Car

HO Locomotive Kits

are all-metal with the powerful DC-71 motor, full working valve gear and RP-25 flanges. Locomotive kits need cleaning, painting and assembly. No soldering is required. Superdetail kits require drilling of mounting holes in boilers and tenders.

[illegible]	NYC K-11 Pacific w/tender
[illegible]	USRA Light Pacific w/tender
[illegible]	UP Challenger 2-6-6-4
[illegible]	USRA Mountain w/tender
[illegible]	PRR M-1 4-8-2 w/tender
[illegible]	PRR M-1a 4-8-2 w/tender
[illegible]	Northern 4-8-4 w/tender
[illegible]	PRR K-4 Pacific w/tender
[illegible]	PRR A-5 Shifter w/tender
[illegible]	PRR B-6 Industry w/tender
[illegible]	PRR I-1 Decapod w/tender
[illegible]	USRA 2-10-2 with tender
[illegible]	PRR L-1 Mikado w/tender
[illegible]	USRA Lt. Mikado
[illegible]	PRR 2-8-0 Consolidation
[illegible]	Old Lady Consolidation
[illegible]	PRR T-1 Duplex
[illegible]	Crazy Horse 4-6-0 w/tender

N Scale

PRR N-5 Caboose
50' Airslide Covered Hopper
ACF Cylindrical Covered Hopper

READY TO RUN
Plastic injection molded body and truck

Many roadnames available plus many more to be produced!!

[illegible]

LBF releases Jeffrey Energy Coalporters

[illegible]

[illegible]

[illegible]

Deluxe releases South Korean container

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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F3 A/B Unit Locomotives

GP38-2 Locomotives

Depressed Center Searchlight Cars

SD70MAC Locomotives

Intermodal Husky Stacks

Two Tier Auto Carriers

GP7/9 Award Winning Locomotives

40 Ft. PS-1 Steel Box Cars

Piggyback Flat Cars

NW-2 Locomotives

40 Ft. Steel Box Cars

25 Ton Crane (Part of Work Train Series)

80 Tonner Locomotives

Bay Window Cabooses

Box Cars

80 Tonner Locomotives - Mighty Mac

Extended Vision Cabooses

Refrigerator Cars

[illegible]

DPM produces another Gold Kit

[illegible]

Micro-Trains new N-scale releases

[illegible]

[illegible]

Heritage & Living Legends Car Inventory Reduction Sale

We have limited quantities of the following cars available. *Please remember only 2 cars per scale per NMRA member*

Heritage Car #[illegible]
SOLD OUT

Heritage Car #[illegible]
SOLD OUT

Heritage Car #[illegible]
[illegible]

Heritage Car #[illegible]
[illegible]

Heritage Car #[illegible]
[illegible]

Heritage Car #[illegible]
[illegible]

Heritage Car #[illegible]
[illegible]

Living Legends Car #1
[illegible]

To order:
[illegible]

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HO SCALE
ELECTRIC & WIND-UP TRAIN SETS

THOMAS & FRIENDS

NEW FOR 2000!

Working UFO

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E-R Models™
LILIPUT
HORNBY
Preiser
FALLER
kibri
FLEISCHMANN
POLA
Merten
Busch

[illegible]

Atlas releases new 40' wood refrigerator car

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Black Widow headlines Intermountain releases

[illegible]

LOOKING FOR MORE DETAIL?

Look for us

[illegible]

THEN SEE YOUR DEALER

American Limited

GRAND VALLEY

A COMPLETE LIGHTWEIGHT HO SCALE LAYOUT KIT

Great HO Scale

[illegible]

CITY AND INDUSTRY BUILDING SET

- 13 architecturally realistic building kits [illegible]
- Over 60 cast detailed accessories
- Over 130 colorful dry transfer decals
- Made for Grand Valley but great for any HO layout
- Instructions and suggested street plan

25 Years

WOODLAND SCENICS

[illegible]

Now available at your favorite hobby store!

ATLAS' GRAND VALLEY TRACK PACK

[illegible]

[illegible]

ATLAS

You're On The Right Track...With Atlas!®

Atlas Model Railroad Company • [illegible] • [illegible]

[illegible] in HO-, N- and O-scales. The HO releases include a Black Widow paint scheme on the EMD F-7A [illegible] and F-7B units. [illegible] black with a silver [illegible] The Black Widow [illegible] The F-7A model lists for [illegible] and the F-7B sells for [illegible].

Other HO releases are:

•[illegible] 2-bay hopper kit, [illegible] with black lettering at $17.95 each. [illegible]

•[illegible] Louisville & Nashville kit at $17.95 each. [illegible]

•[illegible] 2-bay hoppers, one marked with Chicago & Northwestern and the other marked with Chicago, Burlington & Quincy, each at $17.95.

•[illegible] 33" wheel sets, [illegible] at $19.95.

N-scale releases include a Great Northern [illegible] 40' boxcar [illegible] GN's boxcars of the late 1960s. [illegible] at $13.95 each.

Other N releases are:

•Shell Chemical Company ACF Type 27 riveted 8,000-gallon tank car kit at $13.95.

•[illegible] Canada cylindrical covered hopper, [illegible] assembled, list $17.95. [illegible] Canada [illegible]

•Baltimore & Ohio PS-1 [illegible] 40' assembled boxcar at [illegible].

•Soo Line PS-1 [illegible] 40' assembled boxcar at [illegible]. [illegible] They retail for [illegible].

Also released is an O-scale fully assembled Pacific Fruit Express [illegible] It retails for [illegible].

The final [illegible] release this month is an O-scale kit of an ACF type 27 riveted 8,000-gallon tank car, [illegible] black with [illegible] white lettering, "[illegible] Tank Line." [illegible]

Lenz [illegible] releases smallest decoder

Lenz [illegible] has announced the release of [illegible] decoder at the price of [illegible]. Features include [illegible]

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[illegible]

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By Ken Thompson

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

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[illegible]

Bulletin Board

Membership Thermometer

[illegible] as of December 31, 1999
[illegible] as of January 31, 2000
[illegible] as of February 29, 2000
[illegible] as of March 31, 2000

In Memoriam

[illegible]

George Bellinger, Glen Ellyn, IL
Stephen Wood, Lakewood, CO
Robert Voss, Edmonds, WA
Edward Fischer, Lakewood, CA
[illegible], Kearney, NE
[illegible], Harrison, [illegible]
[illegible], Tucson, [illegible]
John Mayfield, Richardson, TX
Luis Pla, Dacula, GA
[illegible], Columbus, OH
Ronald Ross, St. Petersburg, FL
[illegible], Indianapolis, IN
W.A. [illegible], South Yorkshire, England
William White, [illegible]

[illegible], Denver, CO
[illegible], Australia
[illegible], North Ryde, Australia

Honor Roll

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[illegible], Jefferson, NY
[illegible], Silver Creek, GA
[illegible]

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Niagara Hobby & Craft Mart, Buffalo, NY
Pentrex, Pasadena, CA
Roger's Railroad Junction, Ltd., CA
San Diego Model RR Museum, San Diego, CA
Western Pennsylvania Model Railroad [illegible], Gibsonia, PA
[illegible] Longfield, Elmwood Park, IL
[illegible] Longfield, Elmwood Park, IL
[illegible] Hobbies, Inc., Denver, CO
South Bay Historical RR Society, Santa Clara, CA

Team 500 Contributors

[illegible]
[illegible], Tokyo, JPN
[illegible]
[illegible], Tokyo, JPN
[illegible], South Huntington, NY
[illegible], Maynard, MA
[illegible]
[illegible], Dollard Des Ormeaux, PQ, Canada
[illegible]
[illegible]
[illegible], ON, Canada
[illegible], ON, Canada
Wayne Marshall, Guelph, ON, Canada
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[illegible], MI
[illegible], MI

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[illegible]

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- [illegible]
- [illegible]

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DAYTON [illegible]

DES MOINES [illegible]

POMONA [illegible]

MEMPHIS [illegible]

ALBUQUERQUE [illegible]

RICHMOND [illegible]

SPRINGFIELD [illegible]

HOUSTON [illegible]

NASHVILLE [illegible]

[illegible]

OMAHA [illegible]

SAINT PAUL [illegible]

LEBANON [illegible]

W. PALM BEACH [illegible]

ORLANDO [illegible]

SOMERSET [illegible]

PHOENIX [illegible]

PHILADELPHIA [illegible]

ATLANTA [illegible]

JACKSON [illegible]

INDIANAPOLIS [illegible]

SEATTLE [illegible]

[illegible]

SAINT LOUIS [illegible]

FORT WORTH [illegible]

PLEASANTON [illegible]

BUFFALO [illegible]

CINCINNATI [illegible]

SAN DIEGO [illegible]

KANSAS CITY [illegible]

DAYTONA BEACH [illegible]

STOCKTON [illegible]

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Dana Gates, Denver, CO
Richard Madison, Colorado Springs, CO
Ron Schropp, West Bend, WI
Frederick Roth, Jr., [illegible], WI
C.W. Owen, Sheridan, WY
Ted Jaeger, Lansing, IL
Robert Tradewell, Anderson, IN
Robert Buehler, Des Plaines, IL
Donald Snowak, Kingston, IL
Jim Anderson, [illegible], IL
Alfred Dindorf Jr., Sand Springs, OK
Jeff Needham, Olathe, KS
Hugh Campbell, [illegible], PA
Richard Nemeth, Laurel, MD
Frank [illegible] Jr., Arlington, VA
Michael Napolitano, Philadelphia, PA
Joseph Voss, Belmont, NC
Putnam [illegible], Austin, TX
Rudy Adams, Pittsburgh, PA
Craig [illegible], [illegible], OH
Dale Adams, [illegible], GA
Robert [illegible], [illegible], NC
J.A. Stephen, [illegible], GBR
R.J. Munro, [illegible], Somerset, GBR
J.G. Drake, Lowestoft, GBR
I.T. Leigh, Bucks, GBR
Jerry Snyder, Orlando, FL
Frank Mosslage Jr., Palm Beach Gardens, FL
Richard Vera, Miami, FL
H.W. McCusker, [illegible], FL
James McClain, Poway, CA
Mike Eckert Jr., Newbury Park, CA
John Lapsick, Redondo Beach, CA
Ralph Overland, El Monte, CA
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—Robert Bolster, MMR
Chm. Pass Exchange

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Canada [illegible]

[illegible] Express
[illegible]
P.O. Box [illegible]
[illegible], VA [illegible]

CHANGE OF ADDRESS
[illegible] Creek Railway
Edward J. [illegible]
[illegible]
Colorado Springs, CO [illegible]

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[illegible]
Mechanicsburg, PA [illegible]

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[illegible]

Youth Members

[illegible]
[illegible], Ventura, CA
Chris George, Orchard Park, NY
[illegible], CA
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Foreign

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Northeastern

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible], CT
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Niagara Frontier

[illegible], ON, Canada
Chris George, Orchard Park, NY
[illegible], NY
[illegible], ON, Canada
[illegible], ON, Canada
John Johnston, Hamilton, ON, Canada
[illegible], NY
[illegible], ON, Canada

North Central

[illegible]
[illegible]
[illegible], OH
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
James Thompson, [illegible], MI

Thousand Lakes

[illegible]
[illegible]

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- Highball Productions
- [illegible] Video Productions
- [illegible] Productions
- [illegible] Trains on Cassette
- Machines of Iron
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- [illegible] Express
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[illegible], Minneapolis, MN

Pacific Coast

[illegible], BC,
Canada
[illegible], Mt. Angel, OR
[illegible], Mt. Angel, OR
[illegible], Auburn, WA
[illegible], Camano Island, WA
[illegible], Williams Lake, BC,
Canada
[illegible], WA
[illegible], WA
[illegible], Renton, WA
[illegible], OR
[illegible], East Helena, MT
[illegible], Calgary, AB, Canada
[illegible], Longview, WA
[illegible], Lebanon, OR
[illegible], WA
[illegible], Tacoma, WA
[illegible], OR

Pacific Coast

[illegible], Sacramento, CA
[illegible], HI
[illegible], CA
[illegible], CA
[illegible], Santa Cruz, CA
[illegible], CA
[illegible], San Jose, CA
[illegible], CA
[illegible], San Francisco, CA
[illegible], CA
[illegible], San Jose, CA
[illegible], San Bruno, CA
[illegible], Berkeley, CA
[illegible], CA
[illegible], CA
[illegible], Santa Clara, CA
[illegible], CA
[illegible], CA
[illegible], Fremont, CA
[illegible], San Jose, CA

[illegible], CA
[illegible], San Jose, CA
[illegible], CA
[illegible], Fremont, CA
[illegible], CA
[illegible], CA
[illegible], CA
[illegible], Hayward, CA
[illegible], Hayward, CA
[illegible], Bakersfield, CA
[illegible], San Jose, CA
[illegible], CA

Rocky Mountain

[illegible], WY
[illegible], Aurora, CO
[illegible], ID
[illegible], UT
[illegible], UT
[illegible], Littleton, CO
[illegible], Colorado Springs, CO
[illegible], West Valley, UT
[illegible], UT
[illegible], Fort Collins, CO

Mid West

[illegible], Madison, WI
[illegible], IL
[illegible], IL
[illegible], Wisconsin Dells, WI
[illegible], IL
[illegible], Madison, WI
[illegible], Indianapolis, IN
[illegible], IL
[illegible], KY
[illegible], Des Plaines, IL
[illegible], MI
[illegible], IL
[illegible], IA
[illegible], WI
[illegible], IL
[illegible], MI
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[illegible]

[illegible]

[illegible]

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USA Trains, [illegible] has brought out a large scale track system [illegible]

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[illegible]

[illegible]

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KLINE

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[illegible]

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[illegible]

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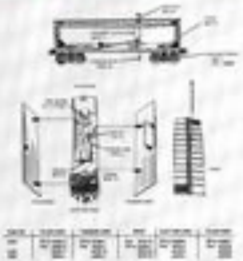

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[illegible]

[illegible]

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MTH RAILKING

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QUESTIONS & ANSWERS

[illegible]

Lightweight pulling heavyweights

[illegible]

[illegible]

Troubleshooting the crane

[illegible]

[illegible]

It's not the heat ...

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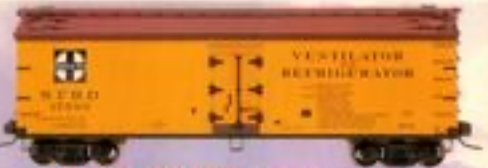

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Atlas O, LLC
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What's New NEW HO FOR JULY

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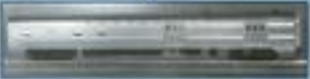

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RAILROAD PROTOTYPE MODELERS & 1/87 SCALE VEHICLE MODELERS 2000 WEST COAST MODEL FEST

By Brian [illegible]

The RPM and 1:87 vehicle groups held a joint get-together in Los Angeles. Here are some of the models that were on display. For more information on the 1:87 Vehicle & Equipment Club, visit their website at [illegible]. For more information on the Railroad Prototype Modelers, visit their website at [illegible]. There's an index of previous articles on vehicle modeling on page [illegible].

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2000 WEST COAST MODEL FEST

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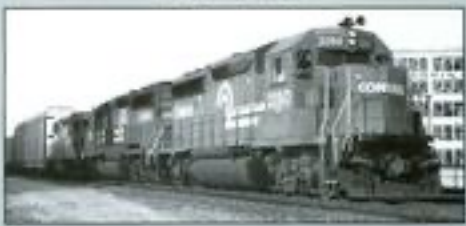
ELECTRO-MOTIVE DIVISION (EMD) GP40-2 AS CONRAIL 3280 & 3295

[illegible]



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SCALE MODELS (GP40-2)

HO Scale: [illegible]

N Scale: [illegible]

O Scale: [illegible]

PAINT

[illegible]

DECALS

HO Scale: [illegible]

N Scale: [illegible]

O Scale: [illegible]

(One-Detail-At-A-Time (HO Scale))

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EMD GP40-2 AS CONRAIL 3280 AND 3295

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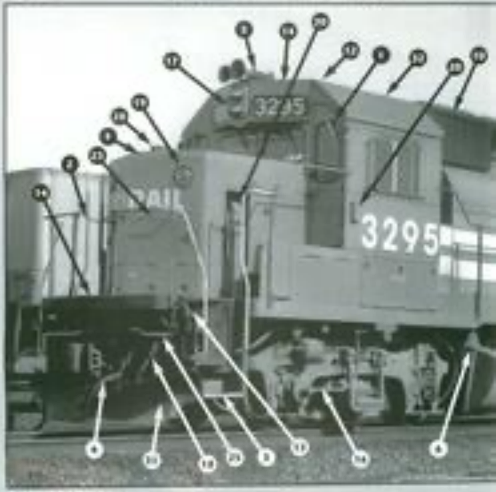
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Details West, P.O. Box 61, Corona, CA 91718.

[illegible]

Keystone Locomotive Works, P.O. Box 3, [illegible]

[illegible]

Overland Models, Inc., 5908 W. Kilgore Ave., Muncie, IN 47304.

[illegible]

Precision Scale, 3961 Highway 93 North, Stevensville, MT 59870.

[illegible]

Smokey Valley Railroad Products, P.O. Box 339, Plantersville, MS 38862.

[illegible]

Ordering Information:

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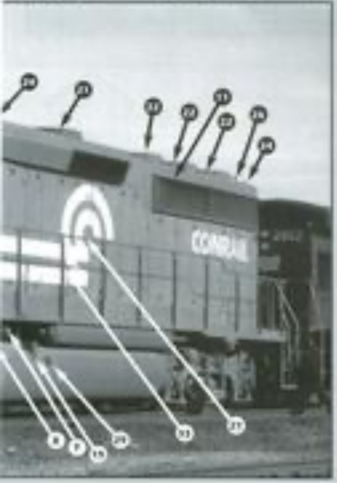
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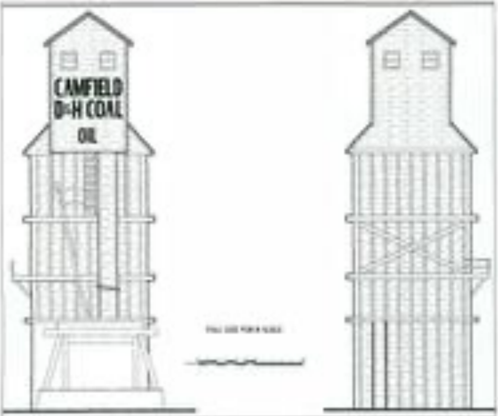
MODEL J. E. CAMFIELD COAL

Plans by David [illegible]

Photos from the John Nehrich collection

These plans are part of a continuing series in "The Journal" to show you to recreate actual industries. J. E. Camfield Coal-Oil was, apparently, supplied with coal mined along the Delaware and Hudson Railroad. The dealer was on a siding adjacent to the D&H mainline at Mechanicville, New York. To model this structure, photocopy the plans to reduce or enlarge them to match your scale. Use the photocopies, as described in the April and June 1996 issues, to build the structure from styrene sheets and strips or modify the techniques to one of the Walthers or Campbell craftsman kits. The Campbell number 398 HO scale "Smith's Coal" could be modified to produce a somewhat similar model. Two or three of the Walthers HO scale 9001 or N scale 2001 Coaling Towers could be kit-converted into a replica of J. E. Camfield Coal.



PREVIOUS ARTICLES ON SCRATCHBUILDING

Copying kit parts from larger or smaller scales (kit and in your scale) with a photocopy machine, October 1989.

Drilling pre-sized holes, November 1989.

Soldering techniques (for turnouts or any other kind of structural work), November 1989 and November 1993.

Resin casting in latex molds with assembly techniques, by Al Westerfield, January 1990.

Building structures with balsa wood, April 1990.

"Snap-Fit" construction in sheet styrene plastic, July 1990.

"Snap-Out" construction with styrene brick, stone or shingle sheet, December 1990.

Building the Troy, New York station in brick sheet plastic and styrene, January 1991.

How to reduce or enlarge any plan to any scale with a photocopy machine, March 1991.

Compressing prototype structures to fit smaller spaces, September 1991.

Scratchbuilding a Pennsy class H-21a Steel Coal Car in HO scale, September 1991.

Building a metal-sided structure from styrene, November 1991.

Tracing plans directly onto styrene sheet using a fluorescent light, and order and hobby knife, December 1991.

M.J. Pritchard grain elevator and other scratchbuilts from styrene, January 1992.

Using photocopy machines to reduce or enlarge plans to any scale, March 1992.

Scratchbuilding the Thurmond, WV coaldock on the C&O in HO scale from styrene plastic, March 1992.

Scratchbuilding the steel trestle near Minot, North Dakota using styrene strips, with plans and prototype photos, September 1992.

Scratchbuilding a giant Midwest Denver, Colorado grain elevator from styrene in N scale, December 1992.

Scratchbuilding the brick "Cumberland Laundry," with construction layout diagrams and model photos, December 1992.

Scratchbuilding the Grand Ice Company with model photos and plans, from 1993 plans and prototype photos, March 1993.

Scratchbuilding brick and stone structures in styrene, some with carved clay surfaces at Erieboldge Quay, Sept, September and November 1993.

Scratchbuilding with Plexiglas interior walls and windows, April 1992 and December 1993.

Scratchbuild a coal transfer tower from styrene strip and sheet, February 1994.

Scratchbuild a steel coal trestle from Pike Stuff parts, August 1994.

Scratchbuild Pittsburgh, Pennsylvania, storage warehouse, November 1994.

Scratchbuild HO scale cement plant and plans for the Northwestern Portland Cement Co. plant, February 1995.

Scratchbuild UP Bell diesel shed (limestone plant) with prototype and model plans and photographs, March 1995.

Scratchbuild Appalachian coal tipple, the Majestic Colliery (from plans in the January 1994 issue), May 1995.

Modeling a 1/10-foot-tall railroad yard floodlight tower in brass, November 1995.

How to build modern round-site grain elevators from PVC pipe in HO scale, March 1996.

How to build modern round-site grain elevators from PVC pipe in N scale, March 1996.

The "Techni-N-Snap" technique for building in sheet styrene, Part I using photocopy machines for scale plans and back-lighting to trace the plans directly to the styrene, April 1996.

The "Techni-N-Snap" technique, part II, mapping the window and door openings and assembling the walls and roof, May 1996.

The "Techni-N-Snap" technique, part III, plus methods of cutting styrene quickly and accurately, quick-clip walls and windows from styrene strip, using cutting individual "boards" for loading docks, building foundations and roof supports from plastic "scale lumber" and making custom signs from dry transfers and printed materials, June 1996.

Building a tank car unloading track pipe — an "industry" — in a square inch of layout space, May 1997.

Build a brick warehouse or distillery, Cumberland & Warm, from plastic patterns in card plastic models, by Lee Wilson, February 1998.

Modeling Walters rail unloading machine, in styrene, by Lawson Stevenson, July 1998.

PREVIOUS ARTICLES ON MODELING THE MINING INDUSTRY

Plans and prototype photos for the coal tipple at Paint Creek, West Virginia, with photos of the HO scale model, November 1989.

Plans and prototype photos for the coal dealer and silos at Saratoga, New York, February 1991.

Plans and prototype photos for the coal dealer and silos at Ballston Spa, New York, March 1992.

Plans and prototype photos for the North Banks Coal Company on the Bessemer and Lake Erie Railroad, January 1993.

Plans and N scale model photos for a railroad-scale version of the North Banks Coal Company, by Robert Fletcher, January 1993.

Plans and prototype photos for the Consolidation Coal Co. tipple at Jenkins, Kentucky on the Chesapeake and Ohio Railroad, March 1993.

Plans and prototype photos for the Majestic Coal Company tipple at Majestic, Kentucky on the Norfolk and Western Railway, January 1994 with more information in April 1994.

Plans and prototype photos for the Hayden Coal Company coal mine on the D&RGW standard-gauge mainline near Hayden, Colorado, April 1997.

Plans and prototype photos for the Manchester, Vermont coal dealer's silos on the Rutland Railroad, March 1998.

INDUSTRY PLANS IN PREVIOUS ISSUES

Coal Tipple, at Paint Creek, West Virginia: prototype plans and photos and model photos, November 1989.

Coal Dealer and Silos, at Saratoga, New York: prototype plans and photos, February 1991.

Coal Dealer and Silos, Ballston Spa, New York: plans and prototype photos, March 1992.

Sand Processing Plant, at Ottawa, Illinois: prototype photos and plans of the building sites (as well as grid terrain) and track locations, August 1988.

Creamery and Grain Elevator, at Grand Isle, Vermont: the second creamery at Grand Isle, built of brick, December 1990 and September 1991.

Creamery, at Grand Isle, Vermont: the original wood buildings, March 1991.

Creamery, at New Sweden, Maine: the H.P. Hood Creamery complex plans and prototype photos, March 1990.

Brick and Tile Kilns, Pottery, Terra Cotta, April 1993.

Sugar Beet Loader, Great Western Sugar, August 1992.

Sugar Beet Factory, Utah & Idaho Sugar, August 1993.

Brick Factory, Wilbertson & Sons Brick Works, October 1991.

Grain Elevators and Silos, M.J. [illegible] Co., January 1992.

New England Mill, Boott Cotton Mill at Lowell, Massachusetts, July 1992.

Waterfront Freight House, Baltimore, Maryland's Henderson Wharf freight house on the Baltimore & Ohio Railroad at Fells Point, October 1992.

Carfloat Transfer Bridge, at Baltimore's Fells Point District on the Baltimore & Ohio Railroad, November 1992.

Coal Tipple, North Butler Coal Co. on the Bessemer & Lake Erie Railroad, January 1993.

Coal Tipple, selectively compressed North Butler Coal Co. Tipple as modeled in N scale by Robert Fletcher, January 1993.

Cement Dealer, near Green Bay, Wisconsin, July 1993.

Cement Factory, at Glens Falls, New York, prototype plans and photos, May 1993 and May 1994.

Coal Tipple, the Consolidation Coal Co. tipple at Jenkins, Kentucky, on the C&O Railroad, March 1995.

Brick Mill Building, the Enterprise Cotton Mill at Augusta, Georgia, August 1995.

Coal Tipple, Majestic Coal Co. at Majestic, Kentucky, on the N&W Railroad, January 1996 and more information in April 1996.

Coal [illegible] transfer tower on the CN, prototype and model photos and plans, February 1996.

Truck Rapid Terminal (garage) on the CP Rail system, May 1996.

Grain elevator (the [illegible]) at [illegible], N.D., with model and prototype photos, June 1996.

New England-style brick mill, the Eddey Manufacturing Company, Atlanta, Georgia, plans and prototype photos, September 1996.

Texaco bulk oil depot, model and prototype plans and photos, December 1996.

Cement manufacturing plant: Northwestern Portland Cement Co., prototype photos and plans, February 1997.

Cement Plant, the Lone Star Portland Cement Plant at Santa Cruz, California, May 1993.

Oil Depot, Standard Oil Company at [illegible], California, April 1996.

Oil Dealer Depot, Sand Point, Idaho [illegible] in Cranbrook, British Columbia, plans and prototype photos, August 1996.

Oil Dealer Depot at Phoenix, Arizona. Prototype plans and photos, October 1996.

Hayden Coal Company tipple plans and prototype photos, April 1997.

Oil transfer for tank car unloading at oil depots or elsewhere, plans and prototype photos, and step-by-step scratchbuilding, May 1997.

Dry bulk fertilizer plant, the Peavey facility at Devils Lake, North Dakota, prototype plans, photos and N scale model, July 1997.

Devils Lake, North Dakota Grain Elevator plans, model and prototype photos, by [illegible], August 1997.

Manchester, Vermont silo-style coal dealer plans and prototype photos, March 1998.

Turner Creamery at Unity, Maine, plans and prototype photos, April 1998.

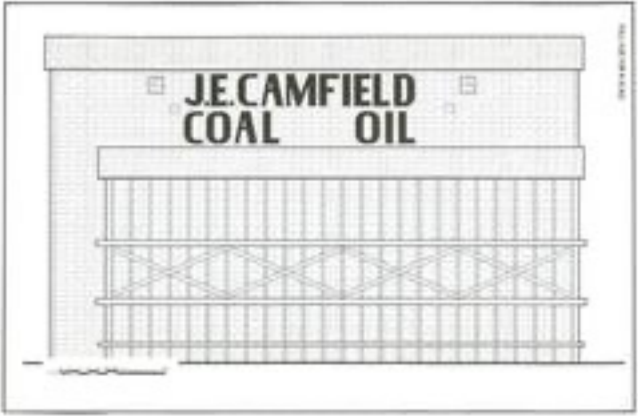
Hidden [illegible] Colorado model project, model and prototype photos, by Lawrence Sorensen, July 1998.

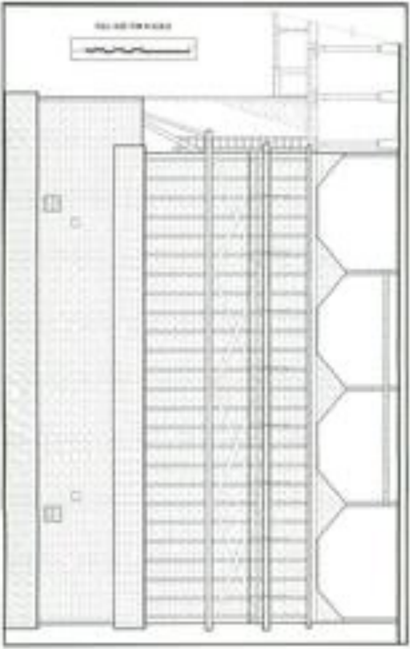
Turner Creamery at Richmond, Maine, plans and prototype photos, September 1998.

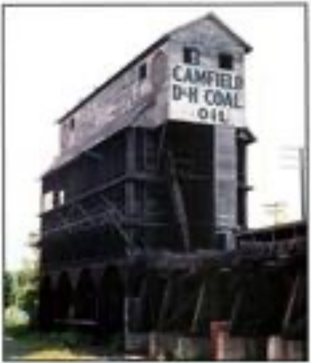
[illegible] Fertilizer plant with prototype photos and plans and HO scale model photos and techniques, by John Swanson, December 1998.

Round River Athletic Co. N scale plans, HO scale model and prototype photographs, by John Swanson, February 1999.

Plans and prototype photos for the Manchester, Vermont coal dealer's silos on the Rutland Railroad, March 1998.


J.E. CAMFIELD
COAL OIL

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MODELING THE SOUTHERN PACIFIC, CIRCA 1945, IN S SCALE

By Jim Sweeney
Photos by Robert Schleicher

Jim Sweeney is modeling the Southern Pacific's operations from Oakland, California to Reno, Nevada on three decks in the 11 x 20 [illegible] room and 11 x 29 garage. You can visit Jim's layout as part of the layout tours at the 2000 National Model Railroad Association convention in San Jose, California, July 30–August 4.

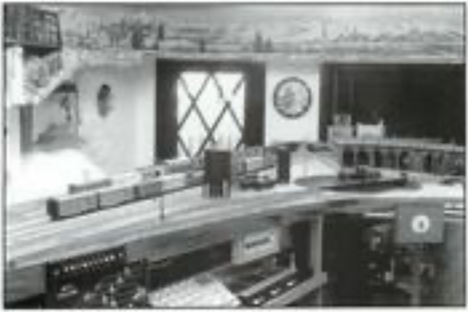

PHOTO 4. The Cisco bridges are just visible in the top left on the upper level, with the Truckee roundhouse on the lower level to the right.

PHOTO 5. A pair of Southwind Models 2-8-0 brass import Consolidations pull a heavy freight across the Cisco bridge on the upper level.

I chose to model the Southern Pacific's operations from Oakland, California to Reno, Nevada [illegible]

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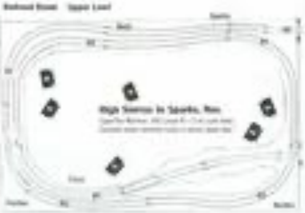
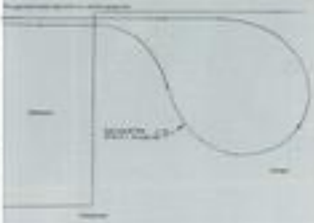
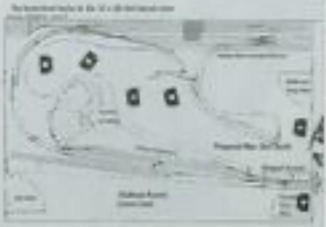
PHOTO 1. [illegible]

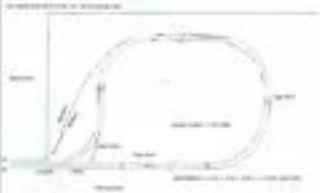
PHOTOS 2 AND 3. [illegible]

PHOTO 4. [illegible]


Railroad Room   Upper Level
High Sierras in Sparks, Nev.







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UPGRADING N SCALE MODELS

(Article appears on pages 80-[illegible] of this issue.)

Part I of this series, on upgrading the Atlas or Rivarossi PS-2 three-bay covered hoppers with [illegible] and [illegible] couplers, June 1991.

Part II, on upgrading Atlas [illegible] [illegible] hoppers with N Scale of Nevada body-mount couplers [illegible], November 1991.

Part III, on upgrading Atlas box cars with [illegible] [illegible], Micro-Trains [illegible], brake wheels, wheelsets and body-mount couplers, plus [illegible] weathering, February 1992.

Part IV, on upgrading the Precision Masters 50-foot covered hoppers with [illegible] details, Micro-Trains brake wheels, wheelsets and couplers, with the Precision Masters body-mount coupler adapters, May 1992.

Part V, on upgrading one of the MDC (Roundhouse) 50-foot cars or others with Micro-Trains body-mount couplers, brake wheels & wheelsets, July 1992.

Part VI, on upgrading the Atlas or Rivarossi PS-2 Center Flow covered hoppers with Micro-Trains body-mount couplers, low-profile wheelsets and brake wheels and Plano [illegible] walkways, August 1992.

Part VII, on upgrading Micro-Trains box cars or reefers with body-mounted couplers and [illegible] Plano [illegible] walkways, September 1992.

Part VIII, on installing Micro-Trains couplers on [illegible] locomotives, October 1992.

Part IX, on upgrading Con-Cor's passenger cars [illegible] with Micro-Trains couplers and [illegible] ladders and railings, November 1992. (A [illegible] with a [illegible] chassis appeared in the July 1994 issue.)

Part X, on upgrading MDC (Roundhouse) N scale tank cars with Plano or Gold Medal Models etched-metal [illegible], ladders and walkways with Micro-Trains trucks and low-profile wheelsets, February 1994.

Part XI, on upgrading Micro-Trains flat cars or gondolas with body-mounted couplers, low-profile wheelsets and [illegible] [illegible] decks, May 1993.

Part XII, on upgrading Con-Cor's [illegible] cabooses with Micro-Trains chassis, couplers and ladders, July 1994. (A [illegible] [illegible] with new ladders, wheelsets and couplers appeared in the February 1993 issue.)

Part XIII, on upgrading Rivarossi's [illegible] cabooses with Micro-Trains caboose chassis [illegible], [illegible] and ladders, September 1994.

Part XIV, on upgrading the Rivarossi [illegible] cabooses with Micro-Trains couplers and [illegible], October 1994.

Part XV, on upgrading the Con-Cor [illegible] tank cars with etched-metal [illegible] and Micro-Trains trucks and couplers, November 1994.

Part XVI, upgrading Atlas or Micro-Trains [illegible] Center Flow [illegible] covered hopper cars with body-mounted couplers, etched-metal walkways and [illegible] wheelsets, January 1995.

Upgrading N scale freight cars with [illegible] [illegible] to make [illegible] [illegible] and ladders appear to be [illegible] [illegible], April 1995.

Part XVII, upgrading Atlas 40-foot PS-1 box cars with [illegible] [illegible], platforms, brake wheels and Micro-Trains couplers, June 1995.

Part XVIII, upgrading Atlas PS-2 two-bay covered hoppers with Gold Medal Models walkways, Micro-Trains couplers and weathering, August 1995.

Note: Parts I through XII of this series also appeared in the book The [illegible] of N Scale Modeling.

Adding [illegible] details to [illegible] [illegible] and ladders on 89-foot [illegible] cars, August 1995.

[illegible] Con-Cor [illegible] [illegible] [illegible], September 1995.

Upgrading Atlas Delaware Valley or Rivarossi [illegible] with [illegible] [illegible] and [illegible], November 1995.

[illegible] [illegible] and [illegible] [illegible] for any N scale [illegible] [illegible], by Bill Pearce, February 1996.

Adding [illegible] details to Atlas Delaware Valley or Rivarossi [illegible] [illegible], May 1996.

Converting the Kato SD40 and [illegible] or Con-Cor's [illegible] into Canadian wide-cab diesels, by Michael Livingston, May 1996.

Upgrading Walthers N scale [illegible] with [illegible] Gold Medal Models etched-metal [illegible] and platforms, June 1996.

Upgrading MDC (Roundhouse) [illegible] [illegible] and other [illegible] hoppers with [illegible] [illegible] and Micro-Trains couplers, August 1997.

Upgrading Kato USRA Heavy 2-8-2 locomotives to match [illegible] and [illegible] prototypes, October and November 1997.

Modeling the Pennsylvania Railroad's [illegible] with [illegible] [illegible] by Joe Kato's [illegible], June 1998.

Upgrading Kato's [illegible] [illegible] [illegible] diesel with details and [illegible], by Bill Pearce, July 1998.

Upgrading Model Power 40-foot box cars to [illegible] [illegible] AAR [illegible] box cars, by Keith Robinson, August 1998.

Upgrade Kato's [illegible] to match [illegible] prototypes, by [illegible] [illegible], September 1998.

Upgrade [illegible] [illegible] to [illegible], by Keith Robinson, September 1998.

Upgrade [illegible] Models and [illegible] [illegible] cabooses with Micro-Trains ladders, railings, wheelsets and couplers, January 1999.

Kit Conversions and upgrades: [illegible] [illegible] cut to a [illegible] N [illegible] car in N scale by Keith Robinson, February 1999.

Upgrade Kato's [illegible] to [illegible] Santa Fe passenger, by Bill Pearce, February 1999.

[illegible] [illegible] [illegible] cars and [illegible] and upgrades from Model Power [illegible] models, by Keith Robinson, April 1999.

Union Pacific cabooses in N scale from Golden West Models kits, by Bill Pearce, May 1999.

[illegible] [illegible] [illegible] box cars from Micro-Trains [illegible] [illegible] models, by [illegible] [illegible] [illegible], June 1999.

Kit conversion: Atlas 1953 [illegible] from [illegible] Model Power chassis, by Keith Kohlmann, July 1999.

Body-mount Micro-Trains couplers on [illegible], by Bill Pearce, October 1999.

Upgrading Atlas [illegible] diesels, with new handrails, to match Union Pacific prototypes, by Bill Pearce, December 1999.

Upgrading [illegible], by Scott Stokes, January 2000.

Streamlined passenger cars from American Model Builders, American Models, [illegible] parts, by Bill Pearce, February and March 2000.

Upgrading Atlas [illegible] diesels, with new handrails, to match Union Pacific prototypes, by Bill Pearce, April 2000.

Kit-converting Atlas GP38 models into GP38B, by Bill Pearce, May 2000.

Conrail automobile ramp loads for gondolas, by Keith Kohlmann, June 2000.

Upgrading and weathering Walthers [illegible] single-sheathed box cars, by Scott Stokes, July 2000.

MODELING: STEAM LOCOMOTIVES

(Article appears on pages 62, 63 of this issue.)

Small 2-6-0 prototype steam locomotives, June 1994.

Kit-conversion: MDC small 2-8-0, with [illegible] to match Colorado Midland [illegible] prototypes, by Darrell Taylor, January 1996.

Small "[illegible]" 2-4-4-0 [illegible] locomotive prototypes, June 1996.

Kit-conversion: MDC small 2-8-0 with [illegible] to match Colorado Midland [illegible] prototypes, by Darrell Taylor, January 1996.

Upgrade: [illegible] locomotives, June 1996.

[illegible] from [illegible] steam locomotives, June 1996.

Kit-conversion: Colorado & Southern [illegible] 2-8-0 from MDC chassis and [illegible] parts, by Robert G. [illegible], July 1996.

Upgrade: Bowser Pennsylvania Railroad [illegible] 2-8-0 locomotive to match prototypes from other railroads, by Robert E. [illegible], November 1996.

Modeling [illegible] prototype 2-8-0 locomotives that can be modeled with Bowser or MDC/Roundhouse kits, November 1996.

USRA "Heavy" 2-8-2 prototypes for Rivarossi and [illegible] HO scale models and Kato N scale models, April 1998.

Superdetailing plastic steam locomotives, Part I: how to install an Elesco feedwater heater, boiler [illegible], air pumps, air tanks, pilot, trailing truck and other details, by Robert Schleicher, October 1997.

Superdetailing plastic steam locomotives, Part II: [illegible] using [illegible], by Robert Schleicher, October 1997.

Superdetailing plastic steam locomotives, Part III: how to install a Worthington feedwater heater, new running boards, [illegible] and other details for Rivarossi's USRA Heavy 2-8-2, by Art Mitchell, November 1997.

Painting steam locomotives with an airbrush step-by-step, November 1997.

Modifying steam locomotives to match specific prototypes, step-by-step, November 1997.

Burlington and Southern 2-8-2 locomotives in N scale from [illegible] conversion kit from Kato's Mikado, November 1997.

[illegible] in N scale from [illegible] conversion kit for the Kato 2-8-2, by [illegible], June 1998.

Prototype [illegible] and [illegible] Spectrum, by Bachmann, HO scale 2-8-0, September 1998.

Modeling the USRA Light 2-8-2 Mikados from the Spectrum, by Bachmann, [illegible] HO scale models, by Robert Schleicher, November 1998.

Modeling USRA Light 2-8-2 Mikados from the Spectrum, by Bachmann, HO scale models, by Robert Schleicher, December 1998.

Modeling USRA 2-8-2 locomotives [illegible], by [illegible] HO scale models, by Robert Schleicher, March 2000.

Bowser makes locomotive [illegible] with [illegible] Bowser model with [illegible], by [illegible], July 2000.

VEHICLES, TRUCK & AUTOMOBILE MODELING

(Article appears on pages 8, 10 of this issue.)

[illegible] and [illegible] cars from the [illegible], [illegible] and [illegible], June 1996.

Fruehauf 40-foot Quantum trailers from A-Line HO scale kits, by [illegible], April 1992.

Tractors and trailers from Model Power, A-Line and Athearn models, by Richard [illegible], May 1992.

[illegible] Garage and [illegible] HO scale [illegible], March 1996.

Creating realistic headlights on automobiles and trucks with MV lenses and other details by Kris [illegible], April 1993.

Simulating chrome trim on automobiles and trucks by Kurt Peterson, March 1996.

Assembling and painting resin truck and automobile kits in HO and N scales, June 1993.

Modeling oil tank trucks in HO and N scales, April 1997.

Updating, backdating and superdetailing trucks and vans, by Mike Budde, August 1997.

Report on 1997 National Vehicle Modeling Convention, October 1997.

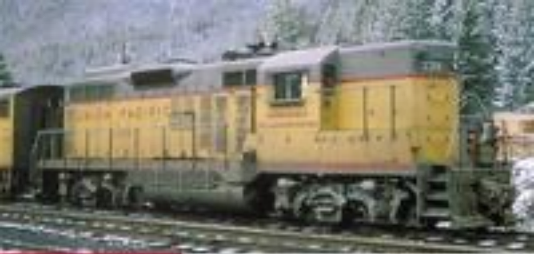
Hi-Rail work truck kit conversions from [illegible] and Walthers kits in HO scale by Mike Budde, January 1998.

[illegible] HO scale models, by [illegible], April 1999.

[illegible] HO scale kits, by [illegible], June 1999.

1999 [illegible] Vehicle modeling convention report, by Brian Kronenwald, September 1999.

2000 [illegible] Vehicle modeling [illegible] convention report, by Brian Kronenwald, July 2000.

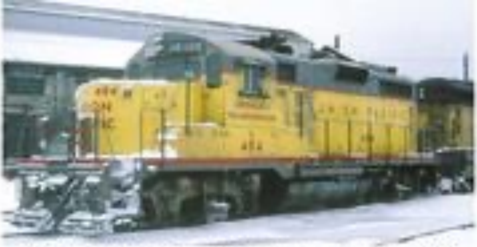


GP20: The First Turbo Geep — Part 8

by George Melvin

[illegible]

[illegible]



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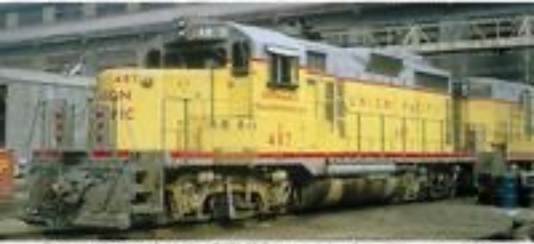
[illegible]



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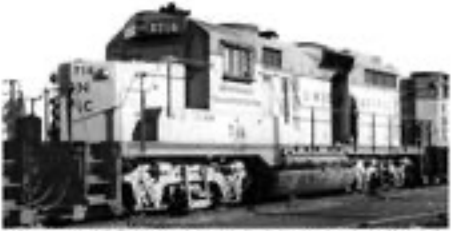
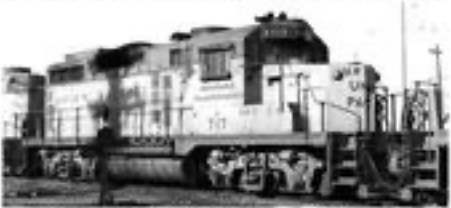

716
UP
PAC

[illegible]

[illegible]

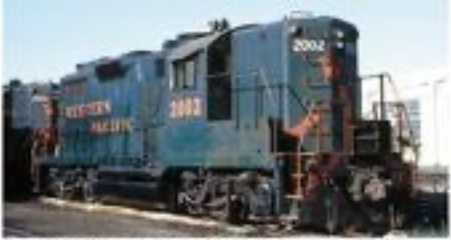

UP
PAC

[illegible]

[illegible]

[illegible]

[illegible]

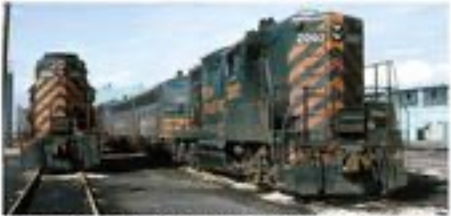


2002
WESTERN PACIFIC
2002

[illegible]

[illegible]

[illegible]



2002

[illegible]

Model Railroad Operations…

Granite Mountain Style

— Part I

by Doug Geiger, MMR

[illegible]

[illegible]

[illegible]

[illegible]

Cleaning off all the accumulated road dirt on rolling stock wheels is a necessary activity during pre-setup. We have had good success with plastic wheelsets [illegible] every car with it.

Sometimes the dirt gets so thick that a screwdriver blade is needed to scrape the gunk off.

Each car's couplers are compared against a Kadee® height gauge. Any necessary adjustments are made during this step.

To reduce derailments, we check each car's wheelsets against an NMRA gauge and replace or clean any errant wheelsets.

[illegible]

Pre-Setup

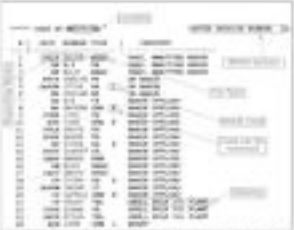
[illegible]

[illegible]

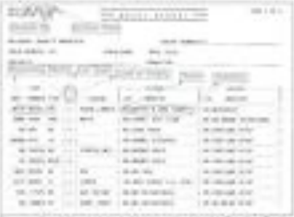
Car Movement

[illegible]

[illegible]



Document 1 — [illegible]



Document 2 — [illegible]

[illegible]

[illegible]

[illegible]

5

[illegible]

6

[illegible]

7

[illegible]

8

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

OPERATIONS HANDBOOK
Granite Mountain Railway
No. 3

Document 3 — The Operations Handbook is the instruction manual for the layout. Within its pages are explained everything necessary for a successful op session.

[illegible]

FOR ALL TRAINS

Instructions

[illegible]

Document 5 — This section of the handbook contains all the general information about the layout's operation.

[illegible]

[illegible]

Document 6 — Specific jobs have sections in the handbook to help the operator perform their specified tasks for that position.

GRANITE MOUNTAIN RAILWAY

[illegible]

Document 4 — Bulletins such as this are posted by the layout [illegible] to provide any updates to the current Operations Handbook.

Document 7 — Each train has its own page of instructions in the handbook as seen here.

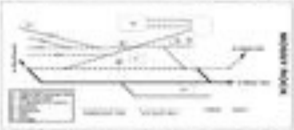
[illegible]

Document 6 — The center spread of the handbook is a schematic diagram of [illegible] and all its connecting railroads. Also shown are the three large staging yards and what they represent.

[illegible]

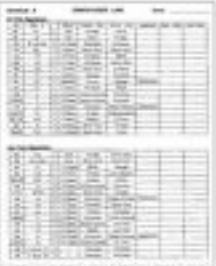
Paperwork

[illegible]

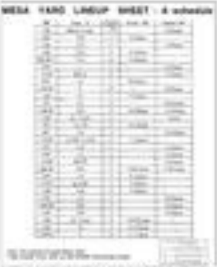


Document [illegible] — Team track diagrams help switch crews plan their car movements. [illegible]

[illegible]

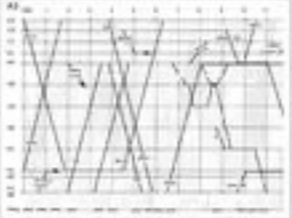


Document 10 — [illegible]



MESA YARD LINEUP SHEET - A schedule

Document 12 — [illegible]



Document 11 — [illegible]

[illegible]

NMRA
Special Interest Group on Operations (OPSIG)

[illegible]

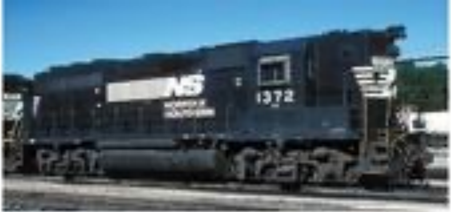
Part 1

Norfolk Southern GP40 #1372 & RP-E4D Slug #9730

[illegible]

Modeling the GP40

[illegible]



[illegible]

[illegible]

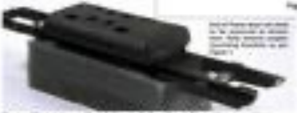
[illegible]

Chassis Preparation

[illegible]

[illegible]

Figure 1



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

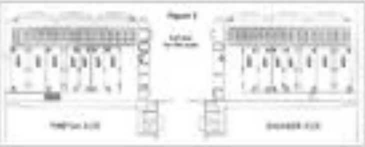


Figure 1

[illegible]

[illegible]

Body Shell Mods & Details

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

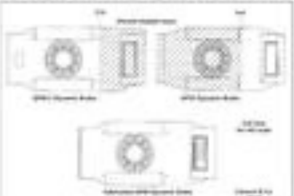


Figure 2

Bill of Materials

[illegible]

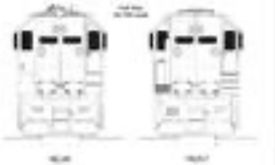


Figure 8

[illegible]

Paint and Decals

[illegible]

[illegible]

[illegible]

Weathering

[illegible]

Acknowledgements

[illegible]

References Used

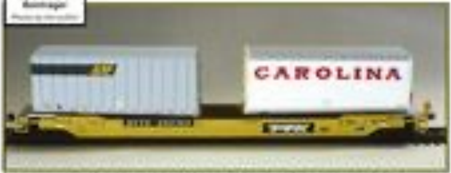
[illegible]

INSPECTION LANE

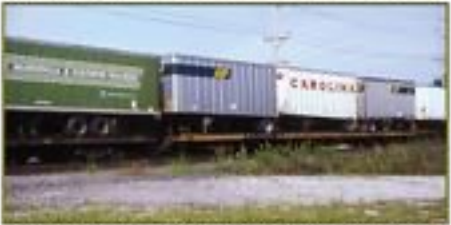
by David A. Bontrager

Photos by the author

ABF — Conference Room and Parts Department



Prototype or model, ABF freight [illegible] loaded in an all-purpose [illegible] car is a must. To date the best model of this unique car is the Walthers die-cast model.



A unique and somewhat rare trailer in the ABF roster (and a trailer that I didn't build a model of) is this ex-Carolina Freight ride side. This trailer features swing doors with four hinges per door. The right door has two latch bars with the inside latch bar lock hinge door edges being right next to the edge of the door. The left door has one latch bar that is closer to the edge of the door — definitely a modeling challenge.

Conference Room

[illegible]

A Few Modeling Notes

[illegible]

[illegible]

Parts Department

[illegible]

Paint

[illegible]

Decals

[illegible]

Railway of the month

[illegible]

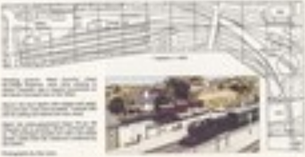
TREZEATH

The North Cornwall line in 00

From the Highlands of Scotland to the Duchy of Cornwall - by way of a short trip to Mexico!

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

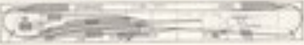
GITTINS LANE

An N gauge layout based early/mid 1960s

[illegible]

[illegible]

[illegible]



Plan of the month

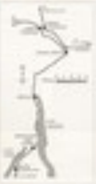
[illegible]

West Highland wanderings

Two stations on this famous route – ideal for modellers

Simple track layouts and correct rolling stock and services in model form

[illegible]



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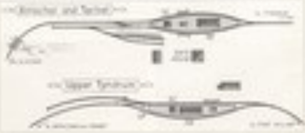

Arrochar and Tarbet
Upper Tyndrum

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

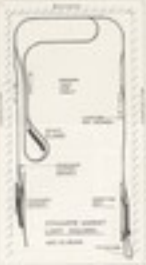
[illegible]

Coal firing in 16mm scale

'The best fuel for a steam locomotive'

Locos in this scale are built and work exactly like any larger coal-fired engine

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Modelling Class 47s

Brush Type 4s in 7mm scale

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Far Twittering & Oysterperch

The Warley Club's Emett layout revisited

The room went unusually silent but, before long, other members started taking an interest

[illegible]

[illegible]

Choosing the layout

[illegible]

[illegible]

[illegible]

[illegible]

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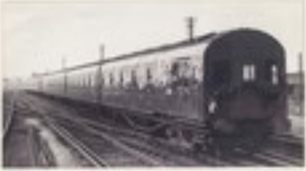
[illegible]

[illegible]

[illegible]

[illegible]



Scale drawings

[illegible]

SR DOUBLE DECK EMUs

Tackling a distinctive prototype in 4mm scale

Only two double-deck units were built, for use on the South Eastern section suburban lines.

[illegible]

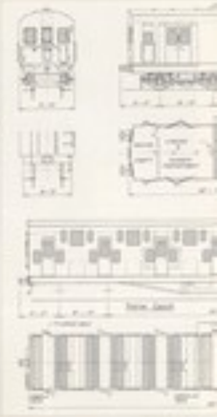
[illegible]

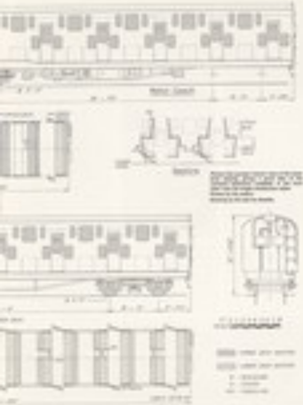
[illegible]

[illegible]

[illegible]

[illegible]





[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

A GROUP OF HUTS

What is the collective noun?

Bob's building techniques are good for both 4mm and 7mm scale

[illegible]

[illegible]

BR 16 TON MINERAL WAGONS - 4

The Cla. 1/108 vehicles studied and modelled

In part 4 of the exhaustive survey the authors conclude the construction of these wagons

[illegible]

[illegible]

[illegible]

[illegible]

Lynton & Barnstaple coaches

from the new L&B Models 7mm scale kit

Building the third class observation coach, the first kit in a planned new high quality range

[illegible]

[illegible]

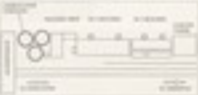
THE MIDLAND IRON COMPANY

Structure modelling in 4mm scale

The final section of Rotherham Road, an ex-GCR layout set in 1939

[illegible]

[illegible]



2

3

[illegible]

[illegible]

SIGNAL 33A

A mechanically worked colour light installation

Although designed for the author's 7mm garden line, the setup could be adapted easily

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

STUDENT MODELLER

Ideas and achievements from the younger generation

[illegible]

LOUFORD JUNCTION

A OO layout with a dual personality

The layout is designed to look right with steam or modern image trains.

[illegible]

[illegible]

[illegible]

READERS LETTERS

LATEST REVIEWS

Products · Books · Videos [illegible]

Happy Birthday 92220!

[illegible]

White LED for signal lamps

[illegible]

[illegible]

Silver Fox 'Custom Build' EMUs

[illegible]

Special run PO wagon in 00

[illegible]

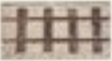
[illegible]

MRC wagon from Hornby

[illegible]

[illegible]

Lynton & Barnstaple track for 7mm scale from L&B Models



[illegible]

L&B™ ballast inlays

[illegible]

A1 fans for WR hydraulics

[illegible]

Bulleid DD bogie sideframes

[illegible]

Another Great Western selection from Hornby in 00

[illegible]

[illegible]

New catalogue

[illegible]

Servo-worked signals from Embedded Controls

[illegible]

Coach detailing fret from Comet

[illegible]

Doors from Chivers for 00/H0

[illegible]

Dennis Sabre fire appliance for N

[illegible]

More vintage vehicles from John Day in 4mm scale

[illegible]

Private owner wagon packs in 00 from Hornby

[illegible]

38xx kit in N from GEM

[illegible]

Relay board and miniature LED from Trainlink

[illegible]

Book Reviews

Midland Engines

[illegible]

Branch Lines of East London

[illegible]

[illegible]

British Rail Main Line Diesel Locomotives

[illegible]

Steam Heritage Museums & Rally Guide 2000

[illegible]

Railways Restored 2000

[illegible]

Video Reviews

Steam Video No 46

[illegible]

NEWSDESK

INFORMATION

Seen at York

[illegible]

[illegible]

[illegible]

[illegible]

Holiday Guide correction

[illegible]

Ipswich open day

[illegible]

Sherwood specials

[illegible]

Rowley Models moves

[illegible]

The Shunting Yard

[illegible]

Central 2000

[illegible]

TCS second show

[illegible]

[illegible]

Record attendance at Bristol Show

[illegible]

Steam collectors to convene

[illegible]

History Day in North Yorks

[illegible]

[illegible]

Rail 2000 and the Markham Collection

[illegible]

Dress up for the NTB

[illegible]

New for the garden

[illegible]

Colourpoint catalogue

[illegible]

WWI figures for 16mm

[illegible]

[illegible]

North Wales Railway Circle

[illegible]

7N Modellers' Group

[illegible]

Pete's Railway Days

[illegible]

[illegible]

Live-steam 85

[illegible]

Central Rivers time capsule

[illegible]

New locos from Agenoria

[illegible]

New Walsman controller

[illegible]

[illegible]

Grove Park retires

[illegible]

Bedford ML in 1:76

[illegible]

Off-road motors transfers in 1:43

[illegible]

Hurst Models goes N

[illegible]

Paul Powell

[illegible]

Societies and Clubs

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RAILWAY MODELLER

OPPORTUNITY YOURS

[illegible]

Classified Advertisements

Trade

[illegible]

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Property for Sale

[illegible]

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[illegible]

[illegible]

[illegible]

Trade Sales Books

[illegible]

Trade Services

[illegible]

Wanted (Trade)

[illegible]

Holiday Accommodation

[illegible]

Clubs and Societies

[illegible]

Auctions

[illegible]

Private

Private Sales Products

[illegible]

[illegible]

Snapmeets · Sales · Fairs

[illegible]

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[illegible]

August

[illegible]

[illegible]

[illegible]

[illegible]

OPPORTUNITY [illegible]

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ARRIVING END OF FEBRUARY 2001

SOUTHERN PACIFIC CAB FORWARD LOCOMOTIVES IN CLASSES AC-10, AC-11, AND AC-12

"HO" SCALE

A[illegible]

[illegible]

[illegible]

[illegible] SP Class AC-10 #[illegible]. A [illegible] District locomotive in the Sacramento Division.

[illegible] SP Class AC-10 #[illegible]. A [illegible] District locomotive in the San Joaquin Division.

[illegible] SP Class AC-11 #[illegible]. [illegible]

[illegible] SP Class AC-11 #[illegible]. A [illegible] District locomotive in the Sacramento Division [illegible]

[illegible] SP Class AC-12 #[illegible]. A [illegible] District locomotive operating in the Los Angeles Division.

[illegible] SP Class AC-12 #[illegible]. A [illegible] District locomotive assigned to the Sacramento Division.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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OO-9 Gauge

[illegible]

History

[illegible]

Commercial Products

[illegible]

Ease of Use & Space Needs

[illegible]

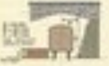
[illegible]

[illegible]

OO-9 GAUGE DIMENSIONS AT A GLANCE

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]



0-16.5 Gauge

[illegible]

History

[illegible]

Commercial Products

[illegible]

[illegible]

[illegible]

Ease of Use & Space Needs

[illegible]

[illegible]

Baseboard Construction

[illegible]

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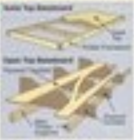
Solid Top Baseboard
Open Top Baseboard

[illegible]

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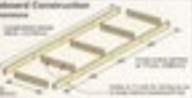
Step by Step Baseboard Construction

[illegible]

[illegible]



STEP BY STEP BASEBOARD CONSTRUCTION

Marking out, cutting and drilling

1 [illegible]

2 [illegible]

3 [illegible]

4 [illegible]

5 [illegible]

6 [illegible]

STEP BY STEP BASEBOARD CONSTRUCTION

Assembling the framework

7 [illegible]

8 [illegible]

9 [illegible]

10 [illegible]

11 [illegible]

12 [illegible]

STEP BY STEP BASEBOARD CONSTRUCTION

Fixing the solid top in place

13 [illegible]

14 [illegible]

15 [illegible]

16 [illegible]

17 [illegible]

18 [illegible]

Laying Sectional Track

[illegible]

[illegible]

[illegible]

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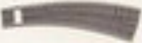

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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150
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240
270
300
BRABUS
0
10
20
30
40

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[illegible]

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[illegible]

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[illegible]

[illegible]

[illegible]

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O [illegible]

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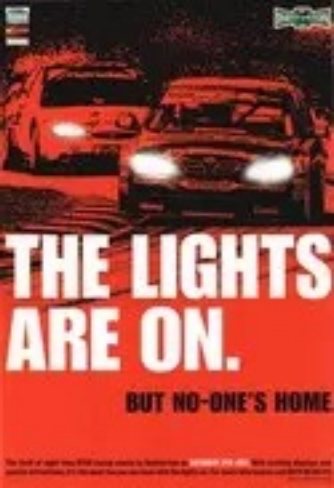
EXCLUSIVE

LE MANS ABOUT TOWN

[illegible] Cadillac [illegible] global sales attack [illegible] By [illegible]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[illegible]

[illegible]

[illegible]

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ALFA 156 SPORTWAGON

[illegible]

HISTORY

[illegible]

PERFORMANCE AND SPECIFICATIONS

[illegible]

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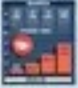

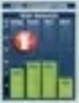

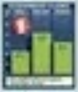

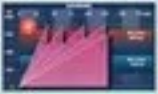

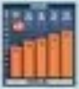

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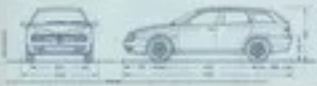

BOYS FORM THE BLACK STUFF

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[illegible]

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and pop star

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[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

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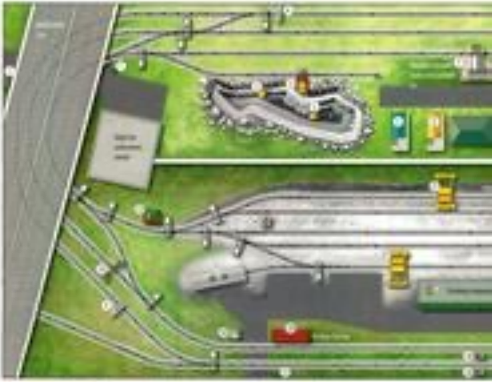
[illegible]

People on the move

[illegible]



“Wrong” on track

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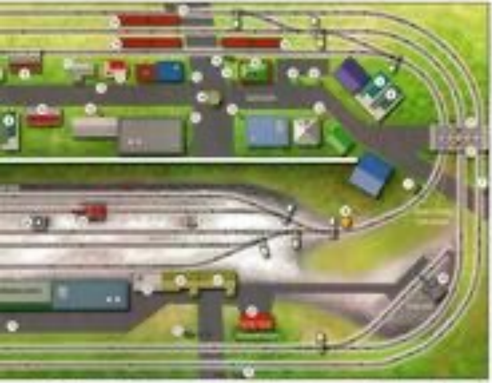


1	No. 2154	Automatic Highway Flasher (4)
2	No. 12997	Dwarf Signal (2)
3	No. 2171	Gravel Loader
4	No. 12938	Cantilever Signal (3)
5	No. 12877	[illegible] House (2)
6	No. 12827	[illegible] Watchman House
7	No. 12748	Grain Elevator
8	No. 12916	[illegible] Watchman House (2)
9	No. 12798	Forklift Loader
10	No. 12722	Roadside Diner
11	No. 12973	Municipal Building
12	No. 128	Newsstand
13	No. 12742	Single Gooseneck Lamp (4)
14	No. 2156	Station Platform (3)
15	No. 62162	Crossing Gate With Signal (2)
16	No. 2133	Freight Station
17	No. 12772	Extension Truss Bridge (2)
18	No. 455	Control Tower
19	No. 165	Magnetic Crane
20	No. 12768	Passenger/Freight Station
21	No. 12946	Maintenance Shed
22	No. 12901	Factory
23	No. 12884	Truck Loading Dock
24	No. 2199	Track Light Tower (2)
25	No. 282	[illegible] Gantry Crane
26	No. 2066	Light Tower
27	No. 12741	Intermodal Crane (2)
28	No. 153	Block Signal (2)
29	No. 155	Freight Station
30	No. 12723	Watchman's Shanty
31	No. 12897	Engine House
32	No. 2319	Watch Tower
33	No. 450	Signal Bridge
34	No. 12800	Flagpole

[illegible] C&NW [illegible]

[illegible]

Some construction thoughts

[illegible]

[illegible]

Standard gauge on the floor

A railroad that runs on, not through, the pines

by Craig Schaubert
photos by Dave Frary

I [illegible] in the world of model railroading, I [illegible] from the ground up. The Delaware, Manhattan and [illegible]

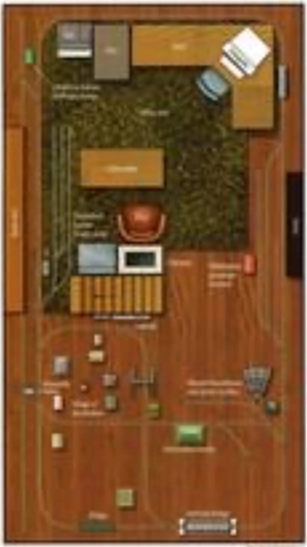
[illegible]

[illegible]

[illegible]

[illegible]

The Delaware, Marshallton and Northern layout



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Grounded in reality

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Beyond a figure 8

[illegible]

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Floor models

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Trains in action

[illegible]

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End of the line

[illegible]

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The circus train Marx

[illegible]

Start with an engine

[illegible]

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never produced

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[illegible]

How to add a colorful set to your O gauge roster

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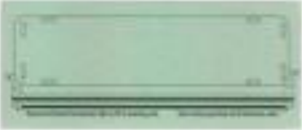

[illegible]

[illegible]

[illegible]

Circus sounds

[illegible]

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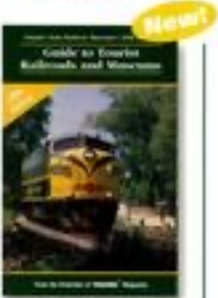
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[illegible] SET SALE .... [illegible]
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JAY-BEE WHEELS HO
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PROTO 2000 WHEELS HO
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SALE .... [illegible]

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PECO

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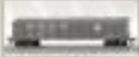
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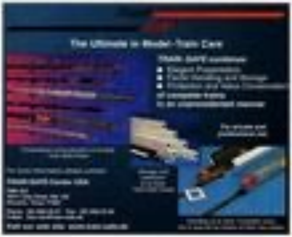

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Full Timber Short Lines

Available from [illegible] Publishing Company, 11150 North [illegible] Creek Road, Arlington, WA 98223, phone (360) [illegible], fax (360) [illegible], website www.[illegible].com. Annual subscription U.S. $19.95 (3rd class mail) or $24.95 (1st class mail); annual foreign subscription $47.95 (air mail) or $37.95 (surface, 4-8 weeks). Published quarterly.

Publisher and editor-in-chief Daniel [illegible] has recently taken over the publication of Full Timber Short Lines. This quarterly publication is devoted to early logging and logging railroad history and modeling. It is an excellent source of history and technical detail concerning all aspects of logging history. The articles are filled with many historical photos, maps, rosters, and drawings. Some of the Winter 2005 and [illegible] topics include Mt. Emily Lumber Company, Willamette Locomotives and the Big Creek & Telocaset Railway.

Books

Small, Smart & Practical Track Plans

By Iain Rice. Available from Kalmbach Publishing, P.O. Box 1612, Waukesha, WI 53187-1612, phone (800) 533-6644, fax (262) 796-1615, website www.kalmbach.com. Softcover, 96 pages, black and white photos and illustrations, $19.95 plus shipping.

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Union Pacific Rails to the Mines: The Boise, Nampa & Owyhee Railway

By Thornton Waite. Available from the author at 1318 Curlew Ave., Idaho Falls, ID 83402 or Brueggenjohann/Reese, Inc. at 610 Cumberland Rd., Columbia, MO 65203. Softcover, 64 pages, black-and-white photos and illustrations; contact publisher for pricing and availability.

Built by the Owyhee mines in southwestern Idaho at the turn of the century, the line which ran from Nampa south to Murphy in Idaho was closed soon after the line was completed. The rail line was absorbed into the Union Pacific after it was completed and was abandoned in sections after World War II. Today there are only remnants of this line. This book gives the background behind the construction of the railroad, building the line, the operations of the railway, the abandonment of the rail line, the famous Sheep Wreck, and the well-known Guffey Bridge.

The Railroad: What It Is, What It Does—4th edition

By John H. Armstrong. Available from Simmons-Boardman Books, Inc., 1809 Capitol Ave., Omaha, NE 68102; phone (402) 346-4300, fax (402) 346-1783; e-mail: orders@sbpub.com, website www.transalert.com. Softcover, 313 pages, black-and-white photos and illustrations, $23.95 plus $4.00 shipping. CD-ROM available at $19.95.

This book presents a basic but thorough overview of the railroad industry in North America as it currently exists and functions. Its primary perspective is a description of railroad operations and their supporting technology, interpreting the specialized terminology involved. Extensive revisions and new illustrations reflect the administrative trends and major technical advances. These advances are largely responsible for the changes in the railroad during the last decade and the evolution of the railroad industry.

Narrow Gauge to the Redwoods: The Story of the North Pacific Coast and San Francisco Paddle-Wheel Ferries

By Dickinson, Graves, Wurm and Dierkes. Available from [illegible], P.O. Box [illegible], [illegible], OR [illegible], phone [illegible], fax [illegible]. Hardbound, 184 pages, black and white photos and illustrations. $37.95 plus shipping & handling.

Filled with rare nostalgic photos and informative prose, this book covers the lifetime of California's fascinating narrow gauge North Pacific Coast railroad and its paddle-wheel ferry line, which once carried thousands of San Franciscans north across the bay to Marin and Sonoma counties. The rail line linked Sausalito, San Rafael, Mill Valley and ultimately reached the [illegible] Russian River "vacationland" popular for its redwoods. Previously out of print for 18 years, this book will appeal to rail historians, narrow gauge enthusiasts, or anyone interested in California's fascinating and colorful railroad history.

Titanic Railroad: The Southern New England

By Larry Lowenthal. Available from Marker Press, [illegible] Road, [illegible], MA [illegible]. Hardcover, 204 pages, $19.95 plus $3.95 shipping. Massachusetts residents add $1.00 sales tax.

Between Palmer, MA, and Providence, RI remains of an unfinished railroad have long attracted attention. Regional myth connects them to the doomed ocean liner Titanic, which allegedly took the money needed to finish the project to the bottom of the Atlantic. These ruins are the tattered evidence of New England's last major railroad war, when the Grand Trunk challenged the Morgan-financed New Haven monopoly, and caused political repercussions that reached the White House.

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By [illegible]. Available from Heimburger House Publishing Co., 7236 W. Madison St., Forest Park, IL 60130, phone (708) 366-1973. Hardbound, [illegible] pages, black and white photos, $[illegible], plus $4.00 shipping and handling. Illinois resi-

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Rayonier, the story detailing the history of steam and diesel railroading by Rayonier, Inc. in the Pacific Northwest has recently been published with additional photos and corrected text, after many years out of print. In the 1930s Alex Polson built the Polson Brothers Logging Company by acquiring steam locomotives and a [illegible] force that defied the Great Depression. [illegible] would have [illegible] the [illegible] of survival in the future. In 1948 the firm sold to Rayonier which continued to add new equipment, especially diesels. Mechanical drawings in the book include Polson Logging Co. Mallet #7000, logging flat cars and cabooses.

Rio Grande Secret Places: Volume Two: Ruby Canyon and the Desert

By R. C. Farewell. Available from the Colorado Railroad Museum, 17155 West 44th Avenue, P.O. Box 10, Golden, CO 80402-0010; phone 800-365-6263, website www.crrm.org. Hardcover, 208 pages, black and white and color photos, $49.95 plus $3.75 shipping.

Ruby Canyon and the Desert, railroad haunts visited by a few and photographed by even less, that is, until displayed within this volume. Contained here is a glimpse into the timeless character of Ruby Canyon as seen from the cliffs above as well as at river level, in desert as well as in tunnels. Trains from Rio Grande, Southern Pacific and contemporary Union Pacific are seen both steam as well as diesel motive power is presented within this volume.

The [illegible] Central's Stations & Terminals

By Geoffrey H. Doughty. Available from TLC Publishing, Inc., 1387 Winding Creek Lane, Lynchburg, VA 24503-3776. Hardbound, 176 pages, black and white and color photos and illustrations, $39.95 plus $4.00 shipping and handling.

Second only to Main Street, Union Depot was perhaps the most commonly named structure in America, and although the small-town depot became a venerated piece of Americana, the great stations and terminals the railroads built became architectural masterpieces. Few were grander than those erected at the turn of the 20th century and in its first 50 years, by the

New York Central Railroad and its predecessors. [illegible] this opportunity to take a closer look at the period that the company casually labeled as "regions," which went as [illegible] as the [illegible] of its [illegible]

Along the Baltimore & Ohio Railroad: From Cumberland to Connellsville

By Marci Lynn McGuinness. Available from Arcadia, 2 Cumberland Street, Charleston, SC 29401, (843) 853-2070, fax (843) 853-0044, e-mail arcadia@charleston.net, website www.arcadiapublishing.com, or from local bookstores. Softbound, 128 pages, black and white photos, $18.99 plus shipping & handling.

During the turn of the century the railroad was an extremely important transportation and shipping resource to thousands of people and businesses in Pennsylvania. Included in this book are images from every B&O bridge and station from Cumberland, Maryland to Connellsville, Pennsylvania, in 1891. Many of the towns that [illegible] along the miles of tracks are depicted in these vintage photographs. Experience the coal and coke history of the 1880s to 1920s through people from many different locations who had one thing in common: the railroad.

Rio Grande Trackside with Jim Ozment

By James Ozment. Available from Morning Sun Books Inc., 9 Pheasant Lane, Scotch Plains, NJ 07076. Hardbound, 128 pages, color photos, $49.95 plus shipping & handling.

Jim Ozment's perspective of the Rio Grande was that of a professional railroader. His climb up the employment ladder from Track Inspector to Assistant Roadmaster to Division Engineer during the 1950s until the 1970s is chronicled through the color photographs he took while on the job. This eighth Trackside volume shares this wonderful photography and Jim's enthusiasm for his work in this 128 page book.

Union Station Kansas City

By Jeffrey Spivak. Available from the Kansas City Star, phone (816)

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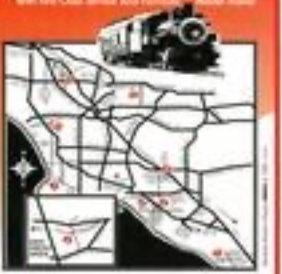

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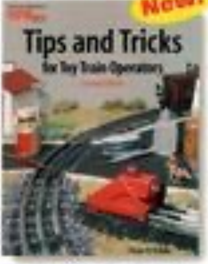
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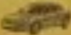

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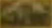

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AMTRAK [illegible]
"[illegible]" Nos. [illegible]. Factory Painted, Completely Lettered, and Equipped with Operating Ditch and Headlights — (OMI [illegible].)

◄ 20-TON DOUBLE TRACK SAND TOWER SERVICE CENTER. Unpainted. Made in China by Cheyenne Industries — (OMI [illegible])

▼ BNSF "[illegible]" Nos. [illegible], Factory Painted, Completely Lettered, and Equipped with Operating Ditch and Headlights — (OMI [illegible].)

UNION PACIFIC

UNION PACIFIC
[illegible] Gas Turbine No. [illegible] with [illegible] and [illegible]. Factory Painted, Completely Lettered, and Equipped with Operating Lights — (OMI [illegible].)

st Century *Brass* Express!

the market today . . . stop by our booth (No. 186-189) to see for yourself . . . and to see the massive Cisco River Bridge diorama by Doug and Jackie Hale. We look forward to meeting you.

HO

FERDINAND MAGELLAN
U.S. No. 1 Presidential Car, Factory Painted, Completely Lettered, Detailed Interior and Equipped with Operating Lights — OMI [illegible]

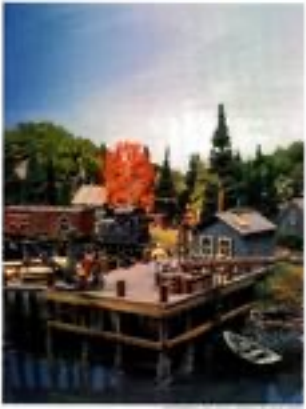
HO

UNION PACIFIC
Wahoo, Nebraska 150-Ton Coaling Tower, Custom Painted Black — OMI [illegible]

See us at Booth No. 186-189 at the NMRA 21st Century Limited Convention at San Jose, July 30th-Aug. 6th

Overland Models, Inc.

5908 W. Kilgore Avenue • Muncie, IN 47304-4696 U.S.A. • [illegible] • Fax [illegible]



[illegible]

Done fishin'

The fleet is out and won't be back until the railroaders' day is done. However, one fisherman, home early because of faulty equipment, warily contemplates another way of life as the little gasoline switcher works the cannery at Gull Island – the sole disturbance in the midday lull of a fishing village. ♦

N Scale
KATO
Precision Railroad Models
Train Time!

Corrugated Passenger Car

4-Car Sets

Expected Delivery in August/September

ITEM #	ROADNAME
106-1301	Canadian Pacific, Set A
106-1601	Canadian Pacific, Set B-1
106-1602	Canadian Pacific, Set B-2
106-1302	Atchison, Topeka & Santa Fe, Set A
106-1603	Atchison, Topeka & Santa Fe, Set B-1
106-1604	Atchison, Topeka & Santa Fe, Set B-2
106-1303	Chicago, Burlington & Quincy, Set A
106-1605	Chicago, Burlington & Quincy, Set B-1
106-1606	Chicago, Burlington & Quincy, Set B-2
106-1304	Pennsylvania, Set A
106-1701	Pennsylvania, Set C-1
106-1702	Pennsylvania, Set C-2
106-1305	Southern, Set A
106-1703	Southern, Set C-1
106-1704	Southern, Set C-2
106-1801	Wabash, Set D
106-1901	[illegible], Set E

[illegible]

www.katousa.com

EMD E8/9 Locomotive

Expected Delivery in June

ITEM #	ROADNAME
106-2001	Pennsylvania, A+A Set
176-5001	Pennsylvania, B-Unit
106-2101	Chicago, Burlington & Quincy, A+A Set
176-5101	Chicago, Burlington & Quincy, B-Unit
106-2201	Canadian Pacific, A+B Set
106-2301	Southern, A+A Set
176-5301	Southern, B-Unit
106-2401	Atchison, Topeka & Santa Fe, A+B Set
106-2402	Atchison, Topeka & Santa Fe, A+B Set
176-5304	Atchison, Topeka & Santa Fe, A-Unit

KATO U.S.A., INC.
[illegible]

Travel through time to the early days of railroading with the

Denver Rio Grande
19th Century 4-6-0 Locomotive and Overton Passenger Car Set

RAIL KING
By M.T.H. Electric Trains
"Quality in the Tradition You Remember"

POWER and *Variety*

Locomotive Features:
- Die-Cast Boiler and Tender
- Die-Cast Metal Drivers
- Metal Handrails and Decorative Whistle
- Precision Flywheel-Equipped Motor
- Operating Headlight
- Metal Wheels and Axles
- Operates on O-27 Track
- Detailed Cab Interior
- DCRU® Electronic Reverse Unit
- Operating Metal Coupler
- Operating ProtoSmoke® System
- Optionally Equipped with Proto-Sound® Digital Sound and Train Control System Featuring Operating Brakes, Passenger Station Proto-Effects™ Sounds and Remotely Controlled Proto-Coupler™ for DCS

Locomotive Measures: [illegible]

Passenger Car Features:
- Die-Cast Archbar Trucks
- Operating Metal Couplers
- Interior Seats
- Two Third Rail Pick-ups Per Car
- Operates on O-27 Curves
- Undercarriage Detail
- Each Car Measures Approximately [illegible]

[illegible]

[illegible]

Keep your branch lines and commuter routes running with a RDC Budd Car Set, available in New York Central or Canadian Pacific markings.

[illegible]

[illegible]

Features:
- Operating Headlights
- Die-Cast Trucks
- Operating Metal Couplers
- Operates on O-31 Track
- DCRU® Electronic Reverse Unit
- Lighted Cab Interiors
- Electronic Horn
- Two Precision Flywheel-Equipped Motors In The Powered Unit
- Optionally Equipped with Proto-Sound® Digital Sound and Train Control System Featuring Operating Brakes, Remotely Controlled Proto-Coupler™ and Passenger Station Proto-Effects™. Suitable for DCS

2-Unit Set Measures: [illegible]

M.T.H. ELECTRIC TRAINS